



Environmental Bulletin

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from the Savannah River Site

Pre-Construction Fact Sheet Available for TNX Operable Unit

The United States Department of Energy, United States Environmental Protection Agency, and South Carolina Department of Health and Environmental Control announce the availability of a Pre-construction Fact Sheet which provides background information and describes the remedial options selected for TNX Area Operable Unit at the Savannah River Site. The TNX Area OU is located in the southwestern portion of the SRS, and is located .25 miles east of the Savannah River on a terrace between Upper Three Runs Creek to the north and Four Mile Branch to the south.

The remedial action(s) selected in the Record of Decision are:

New TNX Seepage Basin (NTNXSB) and Inactive Process Sewer Line (IPSL):

The selected remedial alternative is In situ grouting of the IPSL, discharge of the surface water in the NTSB to an approved location (the ground surface, a permitted outfall, or waste treatment facility), backfill of the Main Basin and Inlet Basin with clean soil.

TNX Burying Ground (TBG) and Vadose Zone:

The selected remedial alternative for the TBG will be the installation and operation of an active and passive soil vapor extraction system in the TNX Vadose Zone.

Old TNX Seepage Basin (OTSB) /Inactive Process Sewer Line (IPSL) /Discharge Gully (DG):

The preferred alternative for the OTSB/IPSL/DG entails removing the existing OTSB backfill; excavation of the IPSL (where accessible) and associated radiologically contaminated soils, capping of the ends of the IPSL sections not excavated during this action, excavation of the principle threat source material layer in the OTSB, backfill of the IPSL and replacement of the asphalt, disposal of the PTSM-contaminated soil and pipeline at an approved off-SRS disposal facility, backfill of the OTSB using the current backfill material where practical, placement of an engineered cap over the OTSB and the UDG, monitoring of the subsurface for the presence of perched water in contact with waste exceeding corrective measure remedial goals under the engineered cap.

The Pre-construction Fact Sheet for the Savannah River Site's (SRS) TNX Area Operable Unit is available at these locations: DOE Public Reading Room at the Gregg-Graniteville Library at the University of South Carolina-Aiken campus in Aiken, SC; Thomas Cooper Library Government Documents Department at USC in Columbia, SC; Reese Library at Augusta State University in Augusta, GA; and Asa H. Gordon Library at Savannah State University in Savannah, GA.

For additional information contact Jim Moore at 1-800-249-8155

or

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Upcoming 2004 SRS Citizens Advisory Board Meetings

July 26 - 27
Newberry Hall
Aiken, SC

September 27 - 28
Ramada Limited
Beaufort, SC

**For more information call 1-800-249-8155 or
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